



# WNK2 Polyclonal Antibody

<b>Catalog No</b>	BYab-05038
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	IHC;IF
<b>Gene Name</b>	WNK2 KIAA1760 PRKWNK2 SDCCAG43 P/OKcl.13
<b>Protein Name</b>	Serine/threonine-protein kinase WNK2 (EC 2.7.11.1) (Antigen NY-CO-43) (Protein kinase lysine-deficient 2) (Protein kinase with no lysine 2) (Serologically defined colon cancer antigen 43)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 1120-1200
<b>Specificity</b>	WNK2 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IHC-p 1:50-300. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	252kD
<b>Cell Pathway</b>	Cytoplasm . Cell membrane .
<b>Tissue Specificity</b>	Expressed in various cancer cell lines (at protein level). Predominantly expressed in heart, brain, skeletal muscle and colon.
<b>Function</b>	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,caution:Cys-224 is present instead of the conserved Lys which is expected to be an active site residue. Lys-207 appears to fulfill the required catalytic function.,cofactor:Magnesium.,enzyme regulation:Activation requires autophosphorylation of Ser-356. Phosphorylation of Ser-352 also promotes increased activity.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. WNK subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Predominantly expressed in heart, brain and colon.,
<b>Background</b>	The protein encoded by this gene is a cytoplasmic serine-threonine kinase that belongs to the protein kinase superfamily. The protein plays an important role in

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the regulation of electrolyte homeostasis, cell signaling survival, and proliferation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013],

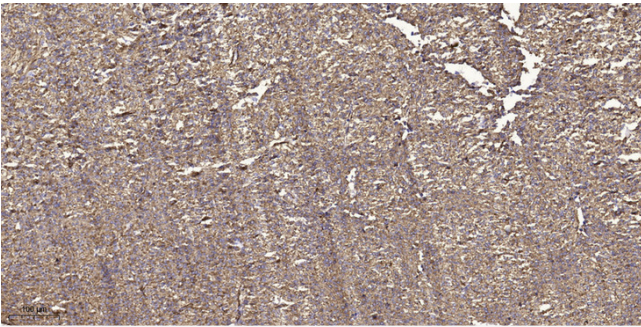
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1,primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98° C,20min). 3,Secondary antibody was diluted at 1:200

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